

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-087-12
GUTHRIE QUADRANGLE
212 TENN. - 18 KY.
N3630-W8700/15
DIAGRAM NJ 16-11
NASHVILLE

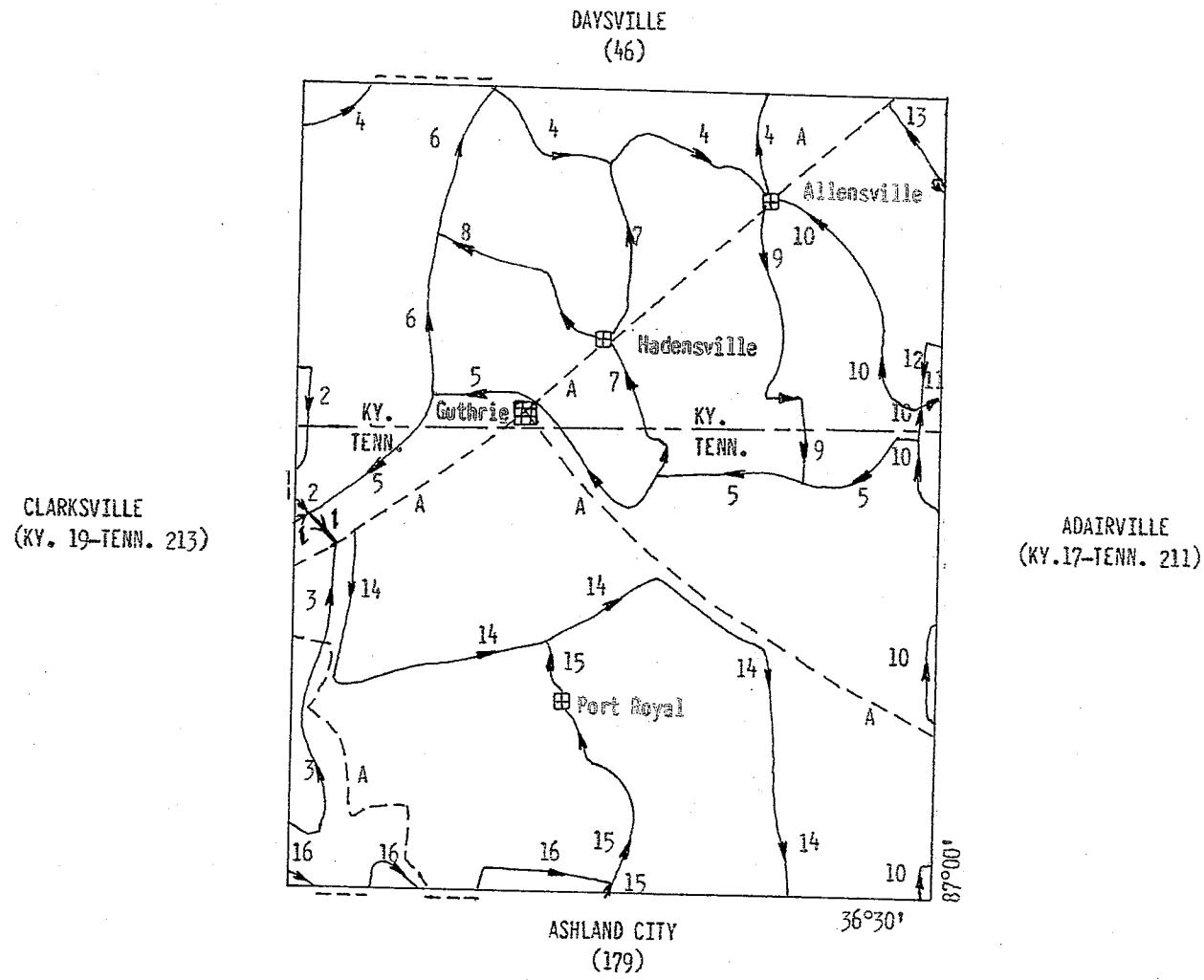
Logan and Todd Counties, Ky.

Montgomery and Robertson Counties, Tenn.

Final adjustment of 1974

Edition of 5/5/76

PR: DSW/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A = 360871

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GUTHRIE QUADRANGLE

212 TENN. - 18 KY.

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LINE 1.

By E. O. Miner, 1946; Book V 328

FeetU. E., Oakland Church of Christ, 2.6 mi E. of, along U. S. Highway 79; 59 ft S. of junction T-rd.
S. to Beldon; on top of W. end of concrete culvert; chiseled square

498.62

U. E., Beldon; 63 ft W. of Louisville & Nashville RR. crossing; on top of E. corner of concrete
platform; chiseled square

535.10

"D 3 1921" (NGS)

543.181

LINE 2.

By E. O. Miner, 1946; Book V 328

Trenton, 7.0 mi SE. of, along rds. to State Highway 294; at Kentucky-Tennessee State line; at
offset crossroads; 15 ft S. of T-junction of rd. N.; in concrete post; standard tablet stamped
"10 EOM 1946 554"

553.543

Reference mark; 100 ft E. of tablet; on top of SW. corner of cattle guard; chiseled square

550.11

LINE 3.

By J. W. McLaughlin, 1946; Book V 328

Richview Cafe, 2.3 mi E. of, along State Highway 76; 70 ft NE. of junction of hwy. and T-rd.
N.; 10 ft NE. of fence corner; in concrete post; standard tablet stamped "2 JM 1946"

516.985

New Hope Church; about 100 ft E. of center of Y-junction of highway and rd. NE.; 10 ft N. of
church; in concrete well foundation; standard tablet stamped "3 JM 1946"

613.731

Beldon, 3.0 mi S. of RR. station; 20 ft N. of center of rd.; 3 ft N. of fenceline; in concrete
post; standard tablet stamped "4 JM 1946" (Not found, 1956)

511.220

"D 3 1921" (NGS)

543.181

LINE 4.

By J. W. McLaughlin, 1949; Book AV 96

feet

Trenton, 1.1 mi NE. along Kentucky State Highway 181 from intersection of U. S. Highway 41E.; 46 ft N. of driveway NW.; 6.3 ft E. of SE. corner of stone brick column; 3 ft SE. of wire fence; in concrete post; standard tablet stamped "T 17 FLS 1946"

584.573

Reference mark; 450 ft S. of tablet; 12 ft W. of centerline of highway; on S. end of concrete headwall of culvert; chiseled square

585.69

Jogs into Daysville quadrangle

Hermon; 40 ft W. centerline of RR. crossing; 20 ft SW. centerline of rd.; 3 ft NE. of E. corner of former store building; in concrete post; standard tablet stamped "29 JMM 1949 612"

611.452

U. E., on N. end of concrete pipe culvert; chiseled square

633.26

U. E., 20 ft NE. of centerline of T-junction E.; on N. end of concrete pipe culvert; chiseled square

609.99

Hermon, 1.1 mi SE. to T-junction, thence 0.9 mi E. to Y-junction SE.; 60 ft SE. of centerline of Y-junction; 3 ft higher than rd. bed; in concrete post, standard tablet stamped "30 JMM 1949 600"

599.811

Hermon, 3.8 mi SE. of; 3.2 mi NW. of Allensville; 30 ft S. of centerline of T-junction SW.; 7 ft SE. of fence corner; in concrete post; standard tablet stamped "31 JMM 1949 587"

587.192

U. E., 90 ft NW. of centerline of junction U. S. Highway 79 and State Highway 102; on NW. end of concrete culvert; chiseled square

564.95

"T-8-1921" (NGS)

580.468

Allensville, 2.2 mi N. of, along graveled rd.; 40 ft NW. of centerline of T-junction W.; 4 ft E. of fenceline; on bank 3 ft higher than rd. bed; in concrete post; standard tablet stamped "32 JMM 1949 597"

596.802

Reference mark; 0.3 mi SW. of tablet; on N. end of wooden bridge; on concrete retaining wall; chiseled square

596.89

LINE 5.

By E. O. Miner, 1950; Book AV 156

Keysburg, 0.5 mi S. of, thence 0.4 mi W.; 80 ft N. of middle of rd.; in stone post projecting 2 ft; NGS triangulation station disk stamped "KY-TENN BDY MGN NO 27 1930"

608.276

LINE 5 (Cont'd.)feet

Keysburg, 2.9 mi SW. of, thence 0.5 mi S. along Adams rd. to fork, thence 2.4 mi SW. along right fork; 45 ft N. and 8 ft W. of, and 3 ft higher than centerline of NE.-SW. rd. at fenceline N. and driveway NNE.; 14 ft N. and 36 ft W. of junction of NE.-SW. rd. and rd. W.; 13 ft S. of 20-in. black-oak tree; 2 ft W. of fence; in concrete post; standard tablet stamped "TT 53 CWH 1950 580"

580.146

Keysburg, 4.85 mi SE. of, thence 0.5 mi S., along Adams Rd. to rd. fork, thence 2.4 mi SW. along right fork to rd. fork, thence 1.95 mi W., along right fork; 6.75 mi SE. of Guthrie; 20 ft S. and 15 ft W. of, and 2 ft higher than junction of E.-W. rd. and along tangent of rd. N.; 28 ft SE. of mailbox of M. E. Martin; 7 ft NE. of 20-in. white-oak tree; in concrete post; standard tablet stamped "TT 52 CWH 1950 549"

548.739

Guthrie, 4.3 mi SE. of, thence 2.3 mi SE. along U. S. Highway 41 to crossroads, thence 1.2 mi E. to rd. junction, thence 0.8 mi N.; 7.3 mi SW. of Keysburg; 24 ft N. and 27 ft E. of, and 2 ft higher than junction of N.-S. rd. and rd. E.; 11 ft N. of E.-W. fence; 4 ft E. of N.-S. fence; in concrete post; standard tablet stamped "TT 51 CWH 1950 563"

562.808

"U 87 1935" (NGS) (Not found, 1956)

580.327

"A 66 1935" (NGS)

548.057

"P 8 1921" (NGS) (Not found, 1956)

559.074

U. E., 100 ft NW. of Y-intersection of U. S. Highway 41 and rd. S.; on SW. corner of concrete foundation of grease rack; chiseled square

549.81

U. E., on NW. corner of culvert under U. S. Highway 41; chiseled square

530.75

Reference mark; 300 ft E. of tablet; 85 ft S. of intersection of U. S. Highway 41 and 79; on NW. corner of concrete walk of restaurant; chiseled square

546.91

Guthrie, 1.7 mi N. of, along U. S. Highway 41; 340 ft SW. of intersection of U. S. Highway 41 and 79; 37 ft N. and 15 ft W. of, 1 ft lower than middle of U. S. Highway 79 at projection of short fenceline NW.; 4 ft NW. of hwy. right-of-way concrete post; 4 ft N. of SE. fence corner; 0.5 ft E. of fence; in concrete post; standard tablet stamped

"TT 50 CWH 1950 548" (Not found, 1956)

547.431

Guthrie, 3.8 mi SW. of, thence 1.7 mi W. along U. S. Highway 41 to intersection, thence 2.1 mi SW. along U. S. Highway 79; 37 ft N. and 4 ft E. of, and 4 ft higher than centerline of U. S. Highway 79 at driveway N.; 29.5 ft SW. of power pole; 8 ft NW. of mailbox of E. D. Buck, 1.5 ft N. of SW. fence corner; in concrete post; standard tablet stamped

"TT 49 CWH 1950 536"

536.570

U. E., chiseled square (Described in line 1)

498.621

LINE 6.Feet

By E. O. Miner, 1950; Book AV 156

| | |
|---|---------|
| "TT 50 CWH 1950 548" (Described in line 5) (Not found, 1956) | 547.431 |
| U. E., on W. headwall of culvert over stream on State Highway 181; chiseled square | 554.00 |
| U. E., on W. headwall of box culvert over stream crossing State Highway 181; chiseled square | 548.22 |
| Guthrie, 1.8 mi W., thence 2.2 mi N. of post office; 150 ft NW. of, and level with intersection of Louisville & Nashville RR. and State Highway 181; 33 ft W. of centerline of hwy.; 2 ft W. of telephone pole; in concrete post; standard tablet stamped "4 EOM 1950 583" | 582.585 |
| Reference mark; 800 ft S. of tablet on W. headwall of culvert under State Highway 181; chiseled square | 580.41 |
| U. E., 25 ft W. of T-intersection with rd. E., in telephone pole; spike nail | 607.11 |
| Guthrie; 1.8 mi W. thence 3.9 mi N. from post office; 47 ft SE. of, and 1.5 ft lower than crossroads at Penchem; 29 ft E. of centerline of State Highway 181; 6 ft S. of power pole; in concrete post; standard tablet stamped "5 EOM 1950 RESET 1955" | 597.183 |
| Reference mark; 270 ft S. of tablet; on E. headwall of culvert; chiseled square | 597.24 |
| U. E., on S. corner of E. headwall of bridge over Spring Creek crossing State Highway 181; chiseled square | 589.35 |
| Guthrie, 1.8 mi W., thence 5.8 mi N. of; 6.6 mi NE. of Trenton, along State Highway 104, thence 2.0 mi SW.; 240 ft W. of centerline of State Highway 181; 48 ft S. of S. steps of Pleasant Grove Church; 47 ft N. of centerline of lane; in concrete post projecting 1 ft; standard tablet stamped "6 EOM 1950 620" | 619.852 |
| Reference mark; 288 ft SE. of tablet; on W. concrete headwall of culvert; chiseled square | 617.81 |
| U. E., 35 ft W. of T-intersection with drive NW.; on NW. headwall of concrete culvert; chiseled square | 624.85 |

LINE 7.

By E. O. Miner, 1950; Book AV 156

| | |
|--|---------|
| "TT 51 CWH 1950 563" (Described in line 5) | 562.831 |
| Guthrie, about 0.3 mi E. of; 0.5 mi from triangulation station in azimuth $1^{\circ}21'43''$; on E. side of rd.; 3 ft N. of gate entrance to field owned by A. F. Tilley; 2 ft W. of fenceline; in concrete post; NGS standard azimuth mark disk stamped "BRYAN 1954" | 558.175 |
| U. E., 360 ft W. of T-rd. at S. edge of rd.; on top of stone boundary marker Ky-Tenn. State line No. 26; chiseled cross | 576.75 |

GUTHRIE QUADRANGLE

212 TENN. - 18 KY.

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LINE 7 (Cont'd.)Feet

Keysburg, 7.0 mi W. of; 0.8 mi SE. of RR. crossing at Hadensville; 125 ft NW. of Y-intersection with abandoned rd. N.; 27 ft SW. of, and 3 ft higher than Y-intersection with drive S.; 1 ft E. of fence; in concrete post; standard tablet stamped "7 EOM 1950 559"

559.399

Reference mark; 0.3 mi SE. of tablet; 125 ft E. of Y-intersection with rd. E.; on N. end of concrete pipe culvert; chiseled square

557.36

Hadensville, 1.5 mi NW. of, thence 2.2 mi NE. of RR. crossing; 1.2 mi NW. of, thence 2.5 mi SW. of RR. station at Allensville; 40 ft N. of, and 3 ft higher than T-intersection with U. S. Highway 79 and graveled rd. N.; 3 ft SW. of corner fence post; in concrete post; standard tablet stamped "8 EOM 1950 573"

571.837

LINE 8.

By E. O. Miner, 1950; Book AV 156

"7 EOM 1950 559" (Described in line 7)

559.399

Hadensville, 1.2 mi NW. of RR. crossing; 3.4 mi SE. of crossroads at Penchem; 65 ft E. of, and 2 ft higher than crossing of U. S. Highway 79 and graveled rd.; 37 ft NE. of centerline of rd.; in concrete post; standard tablet stamped "11 EOM 1950 586"

586.081

Penchem, 1.9 mi SE. of crossroads at; 120 ft NW. of, and 2 ft higher than Y-intersection with drive S.; 25 ft N. of centerline of rd.; 3 ft NW. of electric pole; in concrete post; standard tablet stamped "12 EOM 1950 RESET 1955"

635.195

"5 EOM 1950 RESET 1955" (Described in line 6)

597.183

LINE 9.

By E. O. Miner, 1950; Book AV 156

"T 8 1921" (NGS)

580.468

Allensville, 2.3 mi S. of RR. station; 40 ft E. of four-way rd. intersection; 7 ft N. of corner of woods; in concrete post; standard tablet stamped "9 EOM 1950 595"

594.936

Allensville, 5.5 mi S., thence 1.1 mi E. of RR. station; 2.3 mi W. of crossroads at Keysburg; 86 ft SE. of, and 3 ft higher than T-intersection with rd. S.; 24 ft E. of centerline of rd.; 1 ft W. of fence; in concrete post; standard tablet stamped "10 EOM 1950 610"

609.370

LINE 10.

By E. O. Miner, 1950; Book AV 156

Springfield, 1.3 mi SW. of courthouse, along State Highway 49, thence 5.4 mi SW.; at Flewellyn; 1 ft W. of N. corner of Flewellyn Baptist Church; in concrete post; standard tablet stamped "94 EOM 1950 673"

673.173

Reference mark; 21 ft SE. of tablet; on SE. corner of church step; chiseled square

673.18

GUTHRIE QUADRANGLE

212 TENN. - 18 KV.

36-087-12

8

FeetLINE 10 (Cont'd.)

Flewellyn, 1.9 mi NW. of Baptist Church; 4.1 mi S. of RR. station at Cedar Hill; 80 ft NE. of, and 7 ft higher than T-intersection with rd. E.; 32 ft N. of centerline of rd., in concrete post; standard tablet stamped "95 EOM 1950 530" (Not found, 1956) 529.614

Reference mark; 49 ft W. of tablet; on E. end of N. concrete headwall of culvert; chiseled square 522.82

U. E., at turn in rd.; on N. end of W. headwall of concrete culvert; chiseled square 543.06

Jogs into Adairville quadrangle

Cedar Hill, at W. edge of town, 0.4 mi N. of railroad station; 53 ft NW. of T-rd. N.; 35 ft N. of center of hwy., in concrete post; standard tablet stamped "97 EOM 1950 663" 662.486

Reference mark; 62 ft E. of tablet; on E. concrete headwall of culvert; chiseled square 662.21

Jogs into Adairville quadrangle

Keysburg, 1.8 mi S. of crossroads; 0.2 mi NW. of Red River Bridge; 140 ft S. of Y-intersection of rds.; 29 ft W. of centerline of rd.; 33 ft E. of centerline of rd.; 7 ft E. of 3-ft white oak tree; in concrete post; standard tablet stamped "100 EOM 1950 511" 511.244

Keysburg; 330 ft W. of junction of State Highways 96 and 102; 33 ft SW. of and 2 ft higher than T-intersection of Highway 102 and rd. S.; in concrete post; standard tablet stamped "1 EOM 1950 561" 560.452

Reference mark; 76 ft E. of tablet; at S. side of hwy.; on W. end of concrete step; chiseled square 558.17

U. E., 500 ft NW. of T-intersection of State Highway 96 and rd. NW.; on N. headwall of concrete bridge; chiseled square 554.58

U. E., at E. side of rd.; on concrete headwall of culvert; chiseled square 569.34

U. E., at turn in rd.; on W. headwall of concrete culvert; chiseled square 578.64

Keysburg, 0.3 mi NE. of, along State Highway 96, thence 1.5 mi N.; 4.8 mi SE. of RR. station at Allensville; 49 ft SE. of T-rd.; in concrete post; standard tablet stamped "2 EOM 1950 587" 586.711

Allensville, 2.3 mi SE. of RR. station; 109 ft E. of, and 5 ft higher than crossing of State Highway 102 and graveled rd.; 22 ft NE. of centerline of hwy.; in concrete post; standard tablet stamped "3 EOM 1950 608" 607.622

Reference mark; 390 ft NW. of tablet; on NE. concrete headwall of culvert; chiseled square 597.56

U. E., 20 ft E. of crossroads; on NW. end of concrete pipe culvert; chiseled square 591.92

"T 8 1921" (NGS)

LINE 11.

580.468

By J. J. Spahr, 1950; Book AV 184

"1 EOM 1950 561" (Described in line 10) 560.452

GUTHRIE QUADRANGLE

212 TENN. - 18 KV.

36-087-12

9

LINE 12.Feet

By J. J. Spahr, 1950; Book AV 184

"2 EOM 1950 587" (Described in line 10)

586.711

LINE 13.

By J. J. Spahr, 1950; Book AV 184

Olmstead, 0.9 mi S. of; 200 ft W. of rd.; 200 ft S. of barn; in concrete post; NGS standard triangulation disk stamped "OLMSTEAD 1930 1934"

620.806

"U 8 1921 (NGS)

578.204

LINE 14.

By C. H. Ackerson, 1956; Book AV 472

| | | | | |
|---|----|-------|--|---------|
| 1 | 2 | 0.00 | "D 3 1921" (NGS) | 543.181 |
| 1 | 4 | 2.04 | Beldon, 1.6 mi S. of, thence 0.4 mi E.; 32 ft S. and 20 ft E. of I-rd. W.; in concrete post; standard tablet stamped "CA 10 1955 548" | 547.712 |
| 1 | 7 | 4.42 | Beldon, 4.4 mi S. of; 1.2 mi E. of New Hope Church, 30 ft S. and 130 ft W. of I-rd. N.; 135 ft E. of Smith's Store; in concrete post; standard tablet stamped "CA 11 1955 553" | 553.280 |
| 1 | 9 | 6.33 | New Hope Church, 3.1 mi E. of; 1.9 mi WNW. of; Port Royal, 35 ft N. and 35 ft W. of I-rd. N.; in concrete post; standard tablet stamped "CA 12 1955 528" | 527.659 |
| 1 | 12 | 8.53 | Port Royal, 1.9 mi NW. of, thence 0.8 mi W.; at Olivet Free Will Baptist Church; 167 ft E. of church steps; 50 ft N. of rd.; 155 ft E. of I-rd. S.; 10 ft N. and 1 ft W. of fence corner; in concrete post; standard tablet stamped "CA 13 1955 537" | 537.076 |
| 1 | 13 | 9.31 | U. E., Port Royal, 1.9 mi NW. of; 0.8 mi E. of Olivet Church; 40 ft N. and 30 ft E. of and 3 ft higher than intersection of I-rd. W.; in S. side of 8-in. locust tree; RR. spike | 545.35 |
| 1 | 15 | 11.05 | Port Royal, 1.9 mi NW. of, thence 1.6 mi NE.; 2.3 mi NW. of, thence 2.3 mi WSW. of Adams, 18 ft S. and 280 ft W. of I-rd. W.; 1 ft E. of REA pole; in concrete post; standard tablet stamped "CA 14 1955 553" | 552.960 |
| 1 | 18 | 13.37 | Adams, 2.3 mi NW. of, along U. S. Highway 41; 15 ft N. and 47 ft W. of crossroads; 1 ft NW. of telephone pole 9564; 230 ft W. of RR.; in concrete post; standard tablet stamped "CA 15 1955 549" | 548.446 |

GUTHRIE QUADRANGLE

212 TENN. - 18 KY.

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LINE 14 (Cont'd.)

| | | | <u>Feet</u> |
|---|----|--|-------------|
| 1 | 20 | 15.70 Adams; 25 ft N. and 25 ft E. of T-rd. E.; 200 ft N. of RR. station; 70 ft E. of main track; in concrete post; standard tablet stamped "CA 16 1955 560" | 559.464 |
| 1 | 23 | 18.17 Adams, 2.4 mi S. of, along macadam rd.; 80 ft S. and 22 ft W. of Y-rd. SE.; 1 ft N. and 2 ft E. of fence corner; in concrete post; standard tablet stamped "CA 17 1955 614" | 613.872 |
| 1 | 23 | 18.17 Reference mark; 85 ft NE. of tablet; in NE. side of telephone pole 6129; RR. spike | 612.90 |
| 1 | 27 | 20.53 Adams, 4.8 mi S. of; 25 ft E. of rd.; 35 ft SW. of SW. corner of house; 4 ft S. and 1 ft W. of fence corner; in concrete post; standard tablet stamped "CA 18 1955 450" (Metal tag on corner fence post stamped 450.1) | 450.131 |

LINE 15.

By C. H. Ackerson, 1956; Book AV 472

| | | | |
|---|----|--|---------|
| 1 | 54 | 6.55 Stroudsville, 2.4 mi NW. of; 1.7 mi S. of Cato's Store on State Highway 76; 67 ft E. of rd. on T-fenceline E.; 1 ft S. of fence; in concrete post; standard tablet stamped "CA 26 1955 590" | 589.281 |
| 1 | 57 | 8.21 Cato's Store; on State Highway 76; 135 ft E. of Robertson-Montgomery County line; 30 ft S. and 5 ft W. of T-rd. fork; in concrete post; standard tablet stamped "CA 27 1955 567" | 566.454 |
| 1 | 60 | 10.59 Port Royal; at S. end of E. curb and guard at new bridge over Red River; in concrete post; standard tablet stamped "CA 28 1955 429" | 428.298 |
| 1 | 62 | 12.50 U. E., RR. spike (Described in line 14) | 545.35 |

LINE 16.

By C. W. Ackerson, 1956; Book AV 472

| | | | |
|---|---|---|---------|
| 2 | 6 | 5.23 U. E., Hilldale, 3.7 mi SE. of, along U. S. Highway 41 A.; 35 ft S. and 12 ft W. of crossroads; chiseled square | 600.48 |
| 2 | 8 | 6.68 Sango; 7.75 mi ESE. of Clarksville; 360 ft NE. of Sango School; in rear of small store; 64.5 ft NE. of centerline of rd.; in concrete post; NGS standard triangulation disk stamped "SANGO 1934" | 649.955 |
| 2 | 8 | 6.68 Reference mark No. 2; 300 ft across rd. from station; NE. corner of Sango cemetery along fenceline; 20 ft NW. of fence corner; in concrete post; NGS standard reference disk stamped "SANGO NO 2 1934" | 637.724 |

/Jogs into Ashland quadrangle/

| | | | |
|---|----|--|---------|
| 2 | 13 | 10.61 Sango, 1.4 mi N. of, thence 2.6 mi E. of; near "Durham Cave"; 30 ft N. and 77 ft E. of, and about level with T-rd. S.; 45 ft N. of NE. corner of tobacco barn; 1 ft N. of whitewashed fence post; in concrete post; standard tablet stamped "CA 30 1955 562" | 561.309 |
|---|----|--|---------|

GUTHRIE QUADRANGLE

212 TENN.-18 KV.

36-087-12

11

LINE 16 (Cont'd.)

feet

- | | | |
|------------|---|---------|
| 2 18 13.22 | Sango, 1.4 mi N., thence 5.2 mi E.; 1.6 mi NW., thence 0.7 mi W. of Stroudsville; 27 ft S. and 30 ft W. of 1-nd. S.; in concrete post; standard tablet stamped "CA 29 1955 560" | 559.401 |
| 2 18 13.22 | Reference mark; 100 ft NE. of tablet; in E. side of 10-in. red oak tree RR. spike | 562.539 |

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-087-12
GUTHRIE QUADRANGLE
212 TENN.-18 KY.
N3630-W8700/15
DIAGRAM NJ 16-11
NASHVILLE

Montgomery and Robertson Counties, Tenn.;
Logan and Todd Counties, Ky.

Edition of 6/25/76

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Kentucky, South Zone, and Tennessee Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

DAYSVILLE
(46)

CLARKSVILLE
(213 TENN.-19 KY.)

Guthrie

KENTUCKY
TENNESSEE

ADAIRVILLE
(211 TENN.-17 KY.)

8700'

36°30'

ASHLAND CITY
(179)

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBsolete and is included in this list for the purpose of identification only.

212 TENN.-18 KY.
GUTHRIE QUADRANGLE

36-087-12
N3630-W8700/15

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212 TENN.-18 KY.
GUTHRIE QUADRANGLE

| STATION | DESCRIPTION PLANE COORDINATES, FEET | LATITUDE ° ' " | LONGITUDE ° ' " |
|---|---|-----------------------|------------------------|
| <u>The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.</u> | | | |
| By T. W. Cayce, 1949; Book AH 130 | | | |
| | Hermon; 40 ft W. of centerline of RR. crossing; 20 ft SW. of centerline of rd.; 3 ft NE. of E. corner of former store building; in concrete post; standard tablet stamped "29 JWM 1949 612" | 36 44 33.44 | 87 09 56.37 |
| Tenn.) | X = 1,658,421 Y = 857,709 | | |
| | Hermon, 1.1 mi SE. to I-junction, thence 0.9 mi E. to V-junction SE.; 60 ft SE. of, and 3 ft higher than centerline of rd.; in concrete post; standard tablet stamped "30 JWM 1949 600" | 36 43 41.97 | 87 08 34.03 |
| | X = 1,665,061 Y = 852,424 | | |
| | Hermon, 3.8 mi SE. of, thence 2.7 mi E.; 3.2 mi NW. of Allensville; 30 ft S. of centerline of rd. at junction of I-rd. SW.; 7 ft SE. of fence corner; in concrete post; standard tablet stamped "31 JWM 1949 587" | 36 44 10.74 | 87 06 57.90 |
| | X = 1,672,920 Y = 855,243 | | |
| | Allensville, 1.3 mi NW. of, along State Highway 102, thence 1.3 mi NE. along U. S. Highway 79; 550 ft NE. of offset crossroad; 16 ft SE. of centerline of hwy.; 16 ft NW. of wire fence; in concrete post; standard tablet stamped "T1 100 TWC 1949" | 36 44 12.70 | 87 04 02.59 |
| | X = 1,686,923 Y = 855,281 | | |
| By C. W. Haas, 1950; Book AH 172 | | | |
| | Guthrie, 3.8 mi SW. of, thence 1.7 mi W. along U. S. Highway 41 to intersection, thence 2.1 mi SW., along U. S. Highway 79; 37 ft N. and 4 ft E. of, and 4 ft higher than centerline of U. S. Highway 79 at U. S. Highway 41; 37 ft N. and 4 ft E. of, and 4 ft higher than centerline of U. S. Highway 79 at projection of short fenceline NW.; 29.5 ft SW. of power pole; 8 ft NW. of mailbox of E. D. Buck; 1.5 ft N. and SW. fence corner; in concrete post; standard tablet stamped "T1 49 CWH 1950 536" | 36 37 32.05 | 87 13 25.35 |
| | X = 1,640,877 Y = 815,301 | | |
| | Guthrie, 1.7 mi W. of, along U. S. Highway 41; 340 ft SW. of intersection of Highway 41 and U. S. Highway 79; 37 ft N. and 15 ft W. of, and 1 ft lower than centerline of Highway 79 at projection of short fenceline NW.; 4 ft NW. of right-of-way concrete post; 4 ft N. of SE. fence corner; 1 ft E. of fence; in concrete post; standard tablet stamped "T1 50 CWH 1950 548" (Not found, 1956) | 36 38 45.98 | 87 11 52.56 |
| | X = 1,648,533 Y = 822,684 | | |
| | Guthrie, 0.4 mi SW. of station, along Louisville and Nashville Railroad; 447 ft SW. of street crossing; 37 ft NW. of, and 1 ft lower than NW. rail of main track; 19 ft SE. of centerline of street parallel to track; 69 ft NE. of fourth telephone pole SW. of street crossing; 2 ft NE. of white wooden witness post; in concrete post; NGS standard disk stamped "P 8 1921" (Not found, 1956) | 36 38 38.77 | 87 10 08.29 |
| | X = 1,657,022 Y = 821,852 | | |

212 TENN.-18 KV.
GUTHRIE QUADRANGLE

36-087-12

4

| STATION | DESCRIPTION | LATITUDE | LONGITUDE |
|---------|-------------------------|-----------|-----------|
| | PLANE COORDINATES, FEET | ° ' " | ° ' " |

OBSOLETE MARKS (Cont'd.)

Guthrie; 450 ft SE. of intersection of L. & N. RR. tracks; 334 ft ESE. of, and across two tracks from E. corner of station; 16 ft NE. of, and 1 ft lower than NE. rail of nearest track; 15 ft S. of fourth telephone pole SE. of intersection of tracks; 2 ft NW. of white wooden witness post; in concrete post; NGS standard disk stamped "A 66 1935"

Tenn.) X = 1,659,098 Y = 822,948 36 38 49.85 87 09 42.98

Guthrie, 4.3 mi SE. of, thence 2.3 mi SE. along State Highway 41 to crossroads, thence 1.2 mi E. to rd. junction, thence 0.8 mi N.; 7.3 mi SW. of Keysburg; 24 ft N. and 27 ft E. of, and 2 ft higher than junction of N.-S. rd. and rd. E.; 11 ft N. of E.-W. fence; 4 ft E. of N.-S. fence; in concrete post; standard tablet stamped "TT 51 CWH 1950 563"

X = 1,674,937 Y = 817,189 36 37 54.72 87 06 27.85

Keysburg, 4.85 mi SE. of, thence 0.5 mi S., along Adams Rd. to rd. fork, thence 2.4 mi SW. along right fork to Keysburg, 4.85 mi SE. of, thence 0.5 mi S., along Adams Rd. to rd. fork, thence 2.4 mi SW. along right fork to rd. fork, thence 1.95 mi W., along right fork; 6.75 mi SE. of Guthrie; 20 ft S. and 15 ft W. of, and 2 ft higher than junction of E.-W. rd. and along tangent of rd. N.; 28 ft SE. of mailbox of M. E. Martin; 7 ft NE. of 20-in. white-oak tree; in concrete post; standard tablet stamped "TT 52 CWH 1950 549"

X = 1,685,393 Y = 816,423 36 37 48.30 87 04 19.48

Keysburg, 0.5 mi S. of, along Adams Road to fork, thence 2.4 mi SW.; 45 ft N. and 8 ft W. of, and 3 ft higher than centerline of NE.-SW. rd. at fenceline N. and driveway NNE.; 14 ft N. and 36 ft W. of centerline of NE.-SW. rd. at junction of rd. W.; 13 ft S. of 20-in. black oak tree; 2 ft W. of fence; in concrete post; standard tablet stamped "TT 53 CWH 1950 580"

X = 1,695,103 Y = 815,880 36 37 43.97 87 02 20.30

Cedar Hill, 0.4 mi N. of L. & N. RR. station; 53 ft NW. of centerline of U. S. Highway 41 at junction of T-rd. N.; 35 ft N. of centerline of Hwy.; in concrete post; standard tablet stamped "97 EGM 1950 663"

X = 1,706,176 Y = 808,645 36 33 15.82 87 00 01.06

Keysburg, 1.8 mi S. of crossroads; 0.2 mi NW. of bridge over Red River; 140 ft S. of junction of Y-rds.; 29 ft W. of centerline of rd.; 33 ft E. of centerline of rd.; 7 ft E. of 36-in. white oak tree; in concrete post; standard tablet stamped "100 EGM 1950 511"

X = 1,703,654 Y = 814,732 36 37 33.50 87 00 35.26

Keysburg, 330 ft W. of junction of State Highways 96 and 102; 33 ft SW. of, and 2 ft higher than centerline of Highway 102 at junction of rd. S.; in concrete post; standard tablet stamped "1 EGM 1950 561"

X = 1,703,894 Y = 824,042 36 39 05.58 87 00 33.50

212 TENN.-18 KY.
GUTHRIE QUADRANGLE

36-087-12

5

| STATION | DESCRIPTION | LATITUDE | LONGITUDE |
|---------|-------------------------|----------|-----------|
| | PLANE COORDINATES, FEET | ° ′ ″ | ° ′ ″ |

OBSOLETE MARKS (Cont'd.)

Keysburg, 0.3 mi NE. of, along State Highway 96, thence 1.5 mi N.; 4.8 mi SE. of Allensville; 49 ft SE. of junction of I-rd. W.; 18 ft E. of centerline of rd.; in concrete post; standard tablet stamped "2 EOM 1950 587"

Tenn.) X = 1,705,029 Y = 832,046 36 40 24.83 87 00 20.58

Olmstead, 1.9 mi SE. of, thence 1.7 mi SW.; 150 ft W. of Ash Spring Church; 29 ft N. and 93 ft E. of, and 2 ft lower than centerline of rd. at junction of V-rd. SE.; in concrete post; standard tablet stamped "6 JJS 1950 587"

X = 1,705,681 Y = 850,489 36 43 27.24 87 00 14.89

By J. R. Harris, 1956; Book AH 414

Sango, 1.4 mi N. of, thence 5.2 mi E.; 1.6 mi NW. of Stroudsville, thence 0.7 mi W.; 27 ft S. and 30 ft W. of junction of I-rd. S.; in concrete post; standard tablet stamped "29 CA 1955 560 TT"

X = 1,666,094 Y = 769,641 36 30 03.59 87 08 09.55

Sango, 1.4 mi N. of, thence 2.6 mi E.; near Durham Cave; 30 ft N. and 77 ft E. of, and level with centerline of rd. at junction of I-rd. S.; 45 ft N. of NE. corner of tobacco barn; 1 ft N. of whitewashed fence post; in concrete post; standard tablet stamped "30 CA 1955 562 TT"

X = 1,654,343 Y = 772,615 36 30 31.63 87 10 33.90